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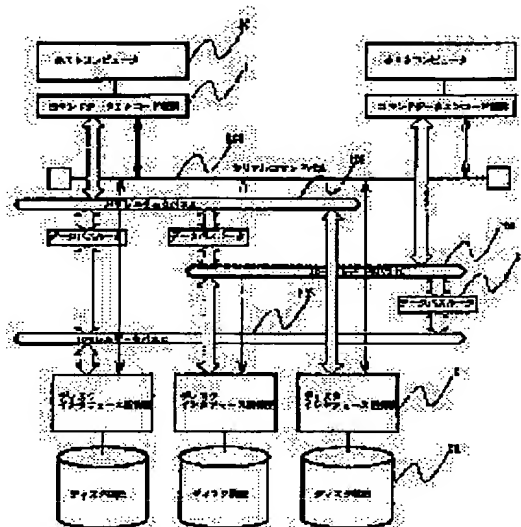
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(54) INTERFACE FOR DISK DEVICE AND CONTROL METHOD THEREFOR

(57)Abstract:

PURPOSE: To improve the throughput of a disk and the response of sequential data access by providing a bus for command processing and a bus for data processing independently of each other in the interface for disk device of a computer.

CONSTITUTION: This interface for disk device DK consists of a command data encoding mechanism 1 which generates a command packet from a corresponding disk device code and a disk I/O control command in response to a data read or write request from a host, a disk interface control mechanism 2 which receives the command packet issued from the command data encoding mechanism 1, a disk device DK executed by the disk interface control mechanism, a route setting mechanism which discriminates the shortest transfer path, and a data path router 3 which continuously secures a path for the purpose of continuously transferring data.



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